



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Neil H. Bander et al. Art Unit : 1636  
Serial No. : 10/600,134 Examiner : Unknown  
Filed : June 20, 2003  
Title : A METHOD FOR ISOLATION OF EPITHELIAL CELLS FROM A SOLUTION

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INFORMATION DISCLOSURE STATEMENT

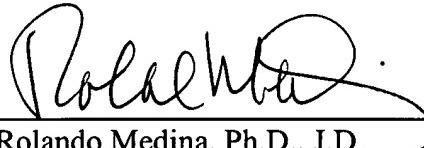
Applicants submit the references listed on the attached form PTO-1449.

This application is a continuation (and claims the benefit of priority under 35 USC §120) of U.S. application serial no. 09/655,708, filed on September 6, 2000. References AA, AL, AX, and AJJ were submitted to and/or cited by the Office in the 09/655,708 application and, therefore, are not provided in this application.

This statement is being filed before the receipt of a first Office Action on the merits. No fee is believed to be due. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 26 July 2004

  
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Substitute Form PTO-1449 (Amended)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. <b>10448-185002</b>	Application No. <b>10/600,134</b>
<b>Information Disclosure Statement</b> <b>by Applicant</b> <small>(Use several sheets if necessary)</small>				Applicant <b>Neil H. Bander et al.</b>	
		Filing Date <b>June 20, 2003</b>	Group Art Unit <b>1636</b>		
<b>U.S. Patent Documents</b>					

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,538,866	07/1996	Israeli et al.			
	AB						
	AC						
	AD						

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AE	WO98/03873	01/1998	PCT			
	AF						
	AG						

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AH	Barren et al., "Monoclonal Antibody 7E11.C5 Staining of Viable LNCaP Cells", <i>Prostate</i> , Volume 30, No. 1, pp. 65-68, 1997.
	AI	Carter et al., "Prostate-specific Membrane Antigen is a Hydrolase with Substrate and Pharmacologic Characteristics of a Neuropeptidase", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , Volume 93, pp. 749-753, 1996.
	AJ	Chang et al., "Five Different Anti-Prostate-specific Membrane Antigen (PSMA) Antibodies Confirm PSMA Expression in Tumor-associated Neovasculature", <i>Cancer Research</i> , Volume 59, No. 13, pp. 3192-3198, 1999.
	AK	Diamond et al., "Monoclonal Antibody 225 Blockade of Prostate Specific Membrane Antigen (PSM) Expression: Postential Novel Therapy for Prostate Cancer", <i>Journal of Urology</i> , Volume 157, (4 Suppl), pp. 226, Abstract 884, 1997.
	AL	Dillman et al., "Toxicities Associated with Monoclonal Antibody Infusions in Cancer Patients", <i>Mol. Biother.</i> , Volume 1, No. 2, pp. 81-85, 1988.
	AM	Dillman et al., "Human Anti-Mouse Antibody Response in Cancer Patients Following Single Low-Dose Injections of Radiolabeled Murine Monoclonal Antibodies", <i>Cancer Biotherapy</i> , Volume 9, No. 1, pp. 17-28, 1994.
	AN	Fair et al., "Prostate Specific Membrane Antigen", <i>Prostate</i> , Volume 32, No. 2, pp. 140-148, 1997.
	AO	Griwatz et al., "An immunological enrichment method for epithelial cells from peripheral blood, J. Imm. Methods, Vol. 183, pp. 251-265, 1995
	AP	Harlow and Lane, "Antibodies: A Laboratory Manual", Cold Spring Harbor Laboratory, pp. 139-243, 1988.
	AQ	Heston, "Characterization and Glutamyl Preferring Carboxypeptidase Function of Prostate Specific Membrane Antigen: A Novel Folate Hydrolase", <i>Urology</i> , Volume 49, No. 3A, pp. 104-112, 1997.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>10448-185002</b>	Application No. <b>10/600,134</b>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant <b>Neil H. Bander et al.</b>		
		Filing Date <b>June 20, 2003</b>	Group Art Unit <b>1636</b>	

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
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	AR	Horoszewicz et al., "Monoclonal Antibodies to a New Antigenic Marker in Epithelial Prostatic Cells and Serum of Prostatic cancer Patients", <i>Anticancer Research</i> , volume 7, No. 5B, pp. 927-936, 1987.
	AS	Israeli et al., "Molecular Cloning of a Complementary DNA Encoding a Prostate-Specific Membrane Antigen", <i>Cancer Research</i> , Volume 53, No. 2, pp. 227-230, 1993.
	AT	Israeli et al., "Expression of the Prostate-Specific Membrane Antigen", <i>Cancer Research</i> , Volume 54, No. 7, pp. 1807-1811, 1994.
	AU	Israeli et al., "Prostate Specific Membrane Antigen and Other Prostatic Tumor Markers on the Horizon", <i>Urological Clinics of North America</i> , Volume 24, No. 2, pp. 439-450, 1997.
	AV	Jain, R.K., "Vacular and interstitial barriers to delivery of therapeutic agents in tumors", <i>Cancer and Metastasis Reviews</i> , Volume 9, No. 3, pp. 253-266, 1990.
	AW	Leek et al., "Prostate-Specific Membrane Antigen: Evidence for the Existence of a Second Related Human Gene", <i>British Journal of Cancer</i> , Volume 72, pp. 583-588, 1995.
	AX	Leung et al., "Selection of a Monoclonal Antibody to a New Prostate Cancer Marker for In Vivo Clinical Trials", <i>6<sup>th</sup> International Congress of Immunology</i> , p. 516, Abstract 4.15.19, 1986.
	AY	Liu et al., "Monoclonal Antibodies to the Extracellular Domain of Prostate-specific Membrane Antigen also React with Tumor Vascular Endothelium", <i>Cancer Research</i> , Volume 57, No. 18, pp. 3629-3634, 1997.
	AZ	Liu et al., "Constitutive and Antibody-Induced Internalization of Prostate-Specific Membrane Antigen", <i>Cancer Research</i> , Volume 58, No. 18, pp. 4055-4060, 1998.
	AAA	Martin et al., "Enrichment of epithelial tumor cells from peripheral blood and bone marrow of carcinoma patients by high gradient magnetic cell sorting (MACS)", Proc. Am. Assoc. for Cancer Res. Annual Meeting, Vol. 38(0), p. 496, 3/1997 #3295
	ABB	Murphy et al., "Comparison of Prostate Specific Antigen, Prostate Specific Membrane Antigen, and LNCaP-Based Enzyme-Linked Immunosorbent Assays in Prostatic Cancer Patients With Benign Prostatic Enlargement", <i>The Prostate</i> , Volume 26, pp. 164-168, 1995.
	ACC	Murphy et al., "Comparison of Prostate Specific Membrane Antigen, and Prostate Specific Antigen Levels in Prostatic Cancer Patients", <i>Anticancer Res.</i> , Volume 15, pp. 1473-1480, 1995.
	ADD	Murphy et al., "Measurement of Prostate-Specific Membrane Antigen in the Serum With a New Antibody", <i>The Prostate</i> , Volume 28, No. 4, pp. 266-271, 1996.
	AEE	Pinto et al., "Prostate-Specific Membrane Antigen: A Novel Folate Hydrolase in Human Prostatic Carcinoma Cells", <i>Clinical Cancer Research</i> , Volume 2, No. 9, pp. 1445-1451, 1996.
	AFF	Rochon et al., "Western Blot Assay for Prostate-Specific Membrane Antigen in Serum of Prostate Cancer Patients", <i>The Prostate</i> , Volume 25, No. 4, pp. 219-223, 1994.
	AGG	Schlom, "Monoclonal antibodies: They're more and less than you think", <i>Molecular Foundations of Oncology</i> , ed. Broder, Williams & Wilkins, p. 95-134, 1991.
	AHH	Silver et al., "Prostate-specific Membrane Antigen Expression in Normal and Malignant Human Tissues", <i>Clinical Cancer Research</i> , Volume 3, pp. 81-85, 1997.
	AII	Su et al., "Alternatively Spliced Variants of Prostate-specific Membrane Antigen RNA: Ratio of Expression as a Potential Measurement of Progression", <i>Cancer Research</i> , Volume 55, pp. 1441-1443, 1995.
	AJJ	Troyer et al., "Subcellular Localization of the 7E11-C5 Prostate Specific Antigen", <i>Proc. Am. Assoc. Cancer Research</i> , Volume 35, p. 283 (Abstract 1688), 1994.

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<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
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	AKK	Troyer et al., "Biochemical Characterization and Mapping of the 7E11-C5.3 Epitope of the Prostate-Specific Membrane Antigen", <i>Urol Oncol</i> , Volume , pp. 29-37, 1995.
	ALL	Troyer et al., "Detection and Characterization of the Prostate-Specific Membrane Antigen (PSMA) in Tissue Extracts and Body Fluids", <i>International Journal of Cancer</i> , Volume 62, No. 5, pp. 552-558, 1995.
	AMM	Troyer et al., "Location of prostate-specific membrane antigen in the LNCaP prostate carcinoma cell line", <i>Prostate</i> , Volume 30, No. 4, pp. 232-242, 1997.
	ANN	Uria et al., "Prostate Specific Membrane Antigen in Breast Carcinoma", <i>The Lancet</i> , Volume 349, No. 9065, p. 1601, 1997.
	AOO	Wang et al., "Monoclonal Antibody Assays for Prostatic Tumor", <i>Immunol Ser</i> , Volume 39, pp. 195-219, 1988.
	APP	Wright, "Characterization of a New Prostate Carcinoma-Associated Marker: 7E11-C5", <i>Antibody Immunoconjugates and RadioPharmaceuticals</i> , Volume 3, Abstract 193, 1990.
	AQQ	Wright et al., "Expression of Prostate-Specific Membrane Antigen in Normal, Benign, and Malignant Prostate Tissues", <i>Urol Oncol</i> , Volume , pp. 18-28, 1995.
	ARR	Yang et al., "Alpha particle emitter therapy of micrometastases: 213Bi-J5 (anti-PSMA) treatment of LNCaP spheroids", <i>Proceedings of the American Association for Cancer Research</i> , Volume 39, p. 440, Abstract 2996, 1998.

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